



Health Care Financing Notes

Medicare: Summary of Use and Reimbursement
by Person, 1979

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Medicare: Summary of Use and Reimbursement by Person, 1979

By Martin Ruther

This Note presents data on aged and disabled persons enrolled for Medicare who received reimbursements for services used in 1979. It provides highlights of the data which will appear in the Annual Summary Report. 1/ It also shows the number of persons receiving reimbursements and the amounts reimbursed for each major type of Medicare benefit. For the aged, data are presented for selected years from 1967 (the first full year of coverage) to 1979. For the disabled, who were covered by Medicare by the Social Security Amendments of 1972, data are presented from 1974 (the first full year of coverage) to 1979. This Note defines disabled enrollees as the two groups of persons under age 65 that are covered by the 1972 Amendments: (1) persons entitled to cash social security or railroad retirement benefits based on their disability and who have been entitled to disability benefits for at least 24 consecutive months, and (2) persons with end-stage renal disease (ESRD) who require kidney dialysis or a kidney transplant and are currently or fully insured, or entitled to monthly social security benefits, or the spouses or dependent children of such insured or entitled persons. The Social Security Amendments of 1978, as of October 1, 1978, extended coverage to persons age 65 or over with ESRD.

1/ Health Care Financing Administration; Office of Research and Demonstrations; Medicare: Health Insurance for the Aged and Disabled, Summary, 1979 (in preparation).

Medicare enrollees receive reimbursements or have them paid for on their behalf when they file claims for covered charges exceeding the applicable Medicare deductibles. Under the Hospital Insurance (HI) program (Part A), the deductible changes yearly to approximate the average current cost of one day in a hospital. In 1979, the HI deductible for each benefit period was \$160. A benefit period starts with the first day of hospitalization and ends when a person has not been a bed patient in a hospital or skilled nursing facility (SNF) for 60 consecutive days. An enrollee may have an unlimited number of benefit periods. After hospitalization, HI pays part of the inpatient hospital costs and related health services provided by SNFs and home health agencies (HHA). 2/

Since 1973, the supplementary medical insurance (SMI) deductible has been the first \$60 of covered charges incurred during each calendar year. 3/ The SMI program covers a variety of medical services and supplies furnished by physicians or others in connection with physicians' services, outpatient services 4/, and HHA services.

2/ The Omnibus Reconciliation Act of 1980 (P.L. 96-499) eliminated the 3-day prior hospitalization requirement for HHA services under HI and the SMI deductible for HHA services under Part B.

3/ The deductible was increased to \$75 by the Omnibus Reconciliation Act of 1981 (P.L.97-35), effective January 1, 1982.

4/ Outpatient benefits include services furnished by hospital outpatient departments, dialyses furnished by freestanding dialysis facilities, and community health centers.

In this Note, persons exceeding the applicable deductibles are called "persons served". Persons using no services or using services not exceeding the deductibles are not counted as persons served. The denominator used in computing rates are based on the applicable enrollment totals.

Table 1 shows the distribution of reimbursements for all, aged, and disabled enrollees by type of services for 1967, 1974, and 1979. Table 2 shows the number of aged persons enrolled, aged persons served (persons receiving reimbursement), persons served per 1,000 enrolled, and various measures of reimbursement for selected years from 1967-1979. Average annual rates of change are also provided. Table 3 shows similar data for disabled enrollees for 1974 through 1979. Table 4 presents reimbursements per enrollee for all, aged, and disabled enrollees by region and type of service for 1979.

Table 5 shows enrollment for aged and disabled persons by type of coverage and area of residence for July 1, 1979. Tables 6 and 7 show number of persons served and reimbursement, respectively, for aged persons by type of service and State of residence for 1979. Tables 8 and 9 show comparable data for the disabled. Data from Table 5 may be used with Tables 6 through 9 to obtain the number of persons served per enrollee and the amount of reimbursement per enrollee by State, census region, and division. Highlights of the data follow.

Distribution of Reimbursements, 1967-1979

All Medicare Enrollees

- . Between 1967 and 1979 reimbursements for all enrollees increased from \$4.2 billion to \$28.1 billion, an average annual rate of 17.1 percent (Table 1).
- . HI reimbursements increased from \$3.0 billion to \$19.5 billion (an average of 17.0 percent annually) in the same period. HI reimbursements accounted for 70.0 percent of all reimbursements in 1967 and decreased slightly to 69.4 percent in 1979.
- . Reimbursements for inpatient hospital services were \$2.7 billion in 1967 and increased to \$18.8 billion in 1979 (an average of 17.7 percent annually). In 1979, inpatient reimbursements accounted for 66.9 percent of all reimbursements compared to 62.7 percent in 1967.
- . Although reimbursements for SNF services increased from \$274 million in 1967 to \$319 million in 1979 (an average of 1.3 percent annually) they fell from 6.5 percent of total reimbursements in 1967 to 1.1 percent in 1979 because Medicare regulations issued in 1969 curbed the use of SNFs by patients who did not need skilled nursing or skilled rehabilitation services on a daily basis.

- . Reimbursements for HHA services under the HI and SMI programs increased markedly from \$43 million to \$528 million (an average of 23.2 percent annually) between 1967 and 1979. However, HHA services were still only 1.9 percent of all Medicare reimbursements in 1979.
- . The proportion of SMI reimbursements to total Medicare reimbursements increased slightly: 30.0 percent in 1967, and 30.6 percent in 1979. Reimbursements rose from \$1.3 billion to \$8.6 billion, an average annual increase of 17.2 percent.
- . Physician and other medical services decreased as a proportion of total Medicare reimbursements, from 28.9 percent in 1967 to 24.4 percent in 1979. However, reimbursements increased from \$1.2 billion to \$6.9 billion in the same period, an average annual increase of 15.4 percent.
- . Reimbursements for outpatient services grew from 0.9 percent of total reimbursements (\$38 million) to 5.6 percent (\$1.6 billion) for the same period or an annual increase of 36.4 percent. Between 1967 and 1979, this has been the fastest growing Medicare benefit.

Aged

- . Although reimbursement to aged enrollees increased from \$10.1 billion in 1974 to \$24.3 billion in 1979, the proportion of total Medicare reimbursements accounted for by the aged decreased from 90.6 percent

to 86.6 percent (Table 1). This was due to a higher average annual increase in the rate of reimbursement to the disabled, 29.0 percent, than the aged, 19.2 percent, between 1974 and 1979.

Disabled

- . Reimbursements to the disabled increased from \$1.0 billion in 1974 to \$3.7 billion in 1979. This increase raised reimbursements to the disabled from 9.4 percent to 13.4 percent of the total in this period. Increased reimbursements to the disabled for inpatient hospital, physician, and outpatient services contributed to the rise in the proportion.
- . Outpatient reimbursements were a large component of SMI reimbursements to the disabled (\$583 million of \$1,406 million in 1979) because enrollees with end-stage renal disease regularly use costly kidney dialysis services. 5/

Aged Persons Enrolled, Served, and Amount Reimbursed by Type of Service, 1967-1979

Enrollment

- . Enrollment of aged persons under HI, SMI, or both, increased from 19.5 million to 24.9 million between 1967 and 1979, an average annual rate of increase of 2.1 percent (Table 2).

5/ Goldsteen, Raymond, "Use of Hospital Outpatient Services, 1979", Health Care Financing Notes, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics (1981).

Persons Served

- . Aged persons served increased from 7.2 million in 1967 to 15.2 million in 1979. The rate for persons served increased an average of 6.5 percent per year.
- . Persons served per 1,000 enrolled increased at an average annual rate of 4.3 percent between 1967 (367 per 1,000) and 1979 (610 per 1,000).
- . Persons served per 1,000 enrolled using HI services increased at an average annual rate of 1.1 percent (from 203 per 1,000 in 1967 to 232 per 1,000 in 1979) and 4.6 percent for SMI services in the same period (365 to 624 per 1,000).
- . The highest average annual increases in persons served per 1,000 were 11.2 percent for home health services under HI (7 to 25 per 1,000), and 9.4 percent for outpatient services (84 to 246 per 1,000).

Reimbursement

- . Reimbursements to the aged increased at an average annual rate of 15.4 percent, from \$4.2 billion in 1967 to \$24.3 billion in 1979.
- . The highest annual rate of increase was for outpatient reimbursements, 31.3 percent, or from \$38 million to \$997 million between 1967 and 1979.

- . Total reimbursements per aged person served increased from \$592 to \$1,597 in the same period, an average annual rate of 8.6 percent.
- . Reimbursement per person served for inpatient hospital services increased at an average rate of 12.2 percent between 1967 and 1979 (\$738 to \$2,925); reimbursement per person served for physician and other medical services rose during the same period at a rate of 6.7 percent (\$191 to \$415).
- . Reimbursement per aged enrollee, the product of two factors, the proportion of enrollees reimbursed (shown as persons served per 1,000 enrolled) and reimbursement per person served, increased at a rate of 13.3 percent, from \$217 in 1967 to \$974 in 1979.
- . The highest average annual rate of change (28.6 percent) for reimbursements per enrollee was for outpatient services, from \$2 to \$41 in the same period.

Disabled Persons Served and Amounts Reimbursed, 1974-1979

Enrollment

- . The average annual rate of increase in enrollment among the disabled was 8.6 percent, from 1.9 million in 1974 to 2.9 million in 1979 (Table 3).
- . This rate has slowed notably since 1977. Enrollment increased 6.6 percent between 1977 and 1978 and 4.2 percent between 1978 and 1979.

Persons Served

- . The average annual increase among persons served was much greater than the growth in enrollment (15.9 percent) rising from 0.8 million in 1974 to 1.7 million in 1979.
- . Persons served per 1,000 enrolled rose at an average rate of 6.7 percent, from 411 to 568 per 1,000 in the same period.
 - . The average annual rate of increase of persons served per 1,000 using HI services, 2.6 percent, was below the overall average, while the SMI average was above the average, 8.6 percent.
 - . Between 1974 and 1979, persons served per 1,000 using HI services increased from 208 to 240 per 1,000, and those using SMI services increased from 424 to 607 per 1,000.

Reimbursement

- . Reimbursements rose at an annual average annual rate of 29.0 percent, from \$1.0 to \$3.7 billion between 1974 and 1979.
- . Reimbursements per person served for the disabled increased at an average annual rate of 11.3 percent, from \$1,324 to \$2,265 between 1974 and 1979.
- . HI reimbursements per person served rose at an average annual rate of 14.0 percent (\$1,735 to \$3,345), while SMI reimbursements were up 12.7 percent (\$479 to \$871) in the same period.

- . Total reimbursements per enrollee increased from \$544 in 1974 to \$1,287 in 1979, an average annual increase of 18.8 percent. The average in 1979 was almost one-third higher than that of the aged (\$974).
- . About 37 percent of the increase in reimbursements per enrollee were due to higher proportions of enrollees receiving reimbursements, and about 63 percent was due to the higher reimbursements per person served.
- . Reimbursements per enrollee for HI services rose from \$360 in 1974 to \$804 in 1979, and for SMI services from \$208 to \$529. Average annual rates of increase were 17.4 percent for HI services and 20.5 percent for SMI services for this period.

Distribution of Persons Served and Reimbursement, 1979

Aged

- . In 1979, the distribution of Medicare benefits to the aged was highly skewed: 60.4 percent of persons served received less than \$500 or only 5 percent of all reimbursements (Figure 1).
- . In contrast, 12 percent of persons served received \$4,000 or more or 65 percent of total reimbursements.

Disabled

- . Slightly over 54 percent of disabled persons served received less than \$500 or 3.4 percent of all reimbursements (Figure 1).

- . In contrast, 15.3 percent of persons served received \$4,000 or more or 73.9 percent of reimbursements.

Reimbursements per Enrollee by Region, 1979

Table 4 summarizes the data in Tables 5 through 9.

All Medicare Enrollees

- . In 1979, reimbursement per enrollee for all Medicare services was highest in the West, \$1,130, or 25 percent more than in the South, \$907 (Table 4).

Aged

- . For the two major Medicare services, inpatient hospital services and physician and other medical services, reimbursements per enrollee varied considerably by region in 1979.
 - . For inpatient hospital services, aged residents in the Northeast averaged \$733 per enrollee, 22 percent more than residents in the South, \$600.
 - . For physician services, the West was highest, \$313 in reimbursements per enrollee, 45 percent above the \$216 for the North Central States.

Disabled

- . Reimbursements per disabled enrollee for inpatient hospital services varied from \$930 among North Central residents or 36 percent more than for those in the South, \$683.

- . For physician services, the West was highest, averaging \$397 in reimbursements per enrollee, 45 percent greater than the South, \$274.
- . Reimbursements per disabled enrollee for all Medicare services combined were much higher in every region than for the aged primarily because of the high costs of services to persons with end-stage renal disease.

Factors Accounting for Increases in Medicare Reimbursements Over Time

- . The growth in Medicare reimbursements over time may be explained by three factors discussed in this report by starting with the following equation:

$$\text{Reimbursements} \equiv \frac{\text{Reimbursements}}{\text{Persons Served}} \times \frac{\text{Persons Served}}{\text{Enrollment}} \times \text{Enrollment}$$

By manipulation of the equation, the relative contributions of each of the three factors on the right side of the equation to the rise in reimbursements can be derived from their average annual rate of change over time (given in Tables 2 and 3). The average annual increase in total Medicare reimbursements equals the sum of the average annual increases of the terms on the right. In using this method, a fourth factor, an "interaction term" occurs. This term was distributed proportionately among the other three factors (Klarman, 1970).

Table - Factors Accounting for Increases in HI and SMI Reimbursements for Aged, 1967-1979 and Disabled, 1974-1979

Factors Accounting for Increases in Reimbursements	Average Annual Rate of Change			
	Hospital Insurance		Supplementary Medical Insurance	
	Percent	Percent Contribution	Percent	Percent Contribution
<u>Aged Enrollees, 1967-1979</u>				
Reimbursement Per Person Served	12.3	80.4	7.7	52.0
Person Served per 1,000 Enrolled	1.1	7.2	4.6	31.1
Enrollment	1.9	12.4	2.5	16.9
Total	15.3 <u>1/</u>	100.0	14.8 <u>1/</u>	100.0
<u>Disabled Enrollees, 1974-1979</u>				
Reimbursement Per Person Served	14.0	54.9	12.7	43.9
Person Served per 1,000 Enrolled	2.9	11.4	7.4	25.6
Enrollment	8.6	33.7	8.8	30.4
Total	25.5 <u>1/</u>	100.0	28.9 <u>1/</u>	100.0

1/Excludes "interaction term".

Aged

- Increasing reimbursements per person served accounted for 80.4 percent of the increase in HI reimbursements for the aged; the rise in the proportion of enrollees receiving HI reimbursements accounted for 7.2 percent, and the increase in enrollment, 12.4 percent.
- Accounting for the rise in SMI reimbursements among the aged in the same period were: Increasing reimbursements per person served, 52.0 percent, increasing proportions of enrollees receiving reimbursement, 31.1 percent, and rising enrollment, 16.9 percent.

Disabled

- . The increase in HI reimbursements among the disabled between 1974 and 1979 were accounted for by increasing reimbursement per person served, 54.9 percent, increasing proportions of enrollees receiving reimbursement, 11.4 percent, and rising enrollment, 33.7 percent.
- . Accounting for the rise in SMI reimbursements among the disabled were: increasing reimbursement per person served, 43.9 percent, increasing proportions of enrollees receiving reimbursements, 25.6 percent, and rising enrollment, 30.4 percent.
- . During the period from 1974 to 1979, enrollment among the disabled grew at a rate almost five times greater than for the aged. This is why enrollment growth contributed more heavily toward increased reimbursements for the disabled than for the aged.

Source and Limitation of Data

We derived the use and reimbursement data in this Note for the aged from a 5 percent sample of the aged enrolled population and their claims. We multiplied counts by 20 to estimate total data. Data for the disabled comprised all disabled enrollees and their claims.

Standard Error Tables

Tables 10, 11, and 12 show approximate standard errors for estimates in this report. The standard error is primarily a measure of sampling variability, that is, the variation that occurs by chance because a sample rather than the whole population is used. To calculate standard

errors at reasonable costs, approximation methods were used. Thus, these tables only indicate the order of magnitude of the standard errors for specific estimates. In general, estimates for small sub-groups and percentages or means with small bases tend to be relatively unreliable. All statements in this Note comparing sample statistics meet statistical tests at the 5 percent statistical level.

Definition

Average Annual Rate of Change - A geometric rate of change in which a variable increases or decreases at the same rate each year. For example, an average annual rate of change of 10 percent, starting with a base of 100 would increase to 110 in the first year, 121 in the second year, and so on.

Symbols Used in Tables

Quanity zero -

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Reference

Klarman, Herbert E. et. al., "Sources of Increase in Selected Medical Care Expenditures, 1929-1969," Department of Health Education and Welfare, Social Security Administration, Office of Research and Statistics, 1970.

TABLE 1

Reimbursements to All Medicare Enrollees by Type of Service, 1967, 1974, and 1979
(in millions of dollars)

Type of Service	Amounts Reimbursed			Percent Distribution			Annual Average Rate of Change 1967-1979
	1967	1974	1979	1967	1974	1979	
All Enrollees							
All Services (HI and/or SMI)	\$4,239	\$11,179	\$28,056	100.0	100.0	100.0	17.1
Hospital Insurance	2,967	8,000	19,477	70.0	71.6	69.4	17.0
Inpatient Hospital	2,659	7,680	18,774	62.7	68.7	66.9	17.7
Skilled Nursing Facility	274	224	319	6.5	2.0	1.1	1.3
Home Health Agency	26	96	384	.6	.9	1.4	25.2
Supplementary Medical Insurance	1,272	3,179	8,579	30.0	28.4	30.6	17.2
Physician and Other Medical	1,224	2,740	6,855	28.9	24.5	24.4	15.4
Outpatient	38	397	1,580	.9	3.6	5.6	36.4
Home Health Agency	17	40	144	.4	.4	.5	19.5
Aged							
All Services (HI and/or SMI)	\$4,239	\$10,130	\$24,310	100.0	90.6	86.6	15.7
Hospital Insurance	2,967	7,306	17,137	70.0	65.4	61.1	15.7
Inpatient Hospital	2,659	6,999	16,477	62.7	62.6	58.7	16.4
Skilled Nursing Facility	274	217	306	6.5	1.9	1.1	.9
Home Health Agency	26	90	353	.6	.8	1.3	24.3
Supplementary Medical Insurance	1,272	2,824	7,173	30.0	25.3	25.6	15.5
Physician and Other Medical	1,224	2,534	6,045	28.9	22.7	21.5	14.2
Outpatient	38	252	997	.9	2.3	3.6	31.3
Home Health Agency	17	37	131	.4	.3	.5	18.6
Disabled							
All Services (HI and/or SMI)	N/A	\$1,049	\$3,747	N/A	9.4	13.4	29.0
Hospital Insurance	N/A	694	2,341	N/A	6.2	8.3	27.5
Inpatient Hospital	N/A	681	2,297	N/A	6.1	8.2	27.5
Skilled Nursing Facility	N/A	7	13	N/A	.1	1/	13.2
Home Health Agency	N/A	6	31	N/A	.1	.1	38.9
Supplementary Medical Insurance	N/A	355	1,406	N/A	3.2	5.0	31.7
Physician and Other Medical	N/A	206	810	N/A	1.8	2.9	31.5
Outpatient	N/A	145	583	N/A	1.3	2.1	32.1
Home Health Agency	N/A	3	13	N/A	1/	1/	34.1

N/A - Not Applicable

1/ Less than 0.05 percent.

Table 2

Aged Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, Selected Years, 1967-1979¹

Type of Coverage or Type of Service Reimbursed	1967	1971	1975	1977	1978	1979	Average Annual Rate of Change	
							1967-79	1978-79
Persons enrolled (in thousands)								
Hospital Insurance and/or Supplementary Medical Insurance	19,521	20,915	22,790	23,838	24,371	24,948	2.1	2.4
Hospital Insurance	19,494	20,742	22,472	23,475	23,984	24,548	1.9	2.4
Supplementary Medical Insurance	17,893	19,975	21,945	22,991	23,531	24,098	2.5	2.4
Persons served (in thousands)								
Hospital Insurance and/or Supplementary Medical Insurance	7,154	9,425	12,032	13,584	14,464	15,221	6.5	5.2
Hospital Insurance	3,960	4,416	4,963	5,410	5,569	5,698	3.1	2.3
Inpatient Hospital	3,601	4,386	4,913	5,351	5,505	5,633	3.8	2.3
Skilled Nursing Facility	354	239	260	283	267	247	-3.0	-7.5
Home Health Agency	126	167	329	481	540	601	13.9	11.3
Supplementary Medical Insurance	6,523	9,075	11,762	13,348	14,279	15,041	7.2	5.3
Physician and Other Medical	6,415	8,801	11,396	12,907	13,862	14,582	7.1	5.2
Outpatient	1,511	2,171	3,768	4,911	5,432	5,928	12.1	9.1
Home Health Agency	118	83	161	224	245	269	7.1	9.8
Persons served per 1,000 enrolled								
Hospital Insurance and/or Supplementary Medical Insurance	367	451	528	570	594	610	4.3	2.7
Hospital Insurance	203	213	221	231	232	232	1.1	---
Inpatient Hospital	185	212	219	228	230	230	1.8	---
Skilled Nursing Facility	18	12	12	12	11	10	-4.8	-9.1
Home Health Agency	7	8	15	21	23	25	11.2	8.7
Supplementary Medical Insurance	365	454	536	581	609	624	4.6	2.5
Physician and Other Medical	359	441	519	561	589	605	4.4	2.7
Outpatient	84	109	172	214	231	246	9.4	6.5
Home Health Agency	7	4	7	10	10	11	3.8	10.0
Reimbursement amount (in millions)								
Hospital Insurance and/or Supplementary Medical Insurance	\$4,239	\$7,349	\$12,689	\$18,098	\$21,063	\$24,310	15.7	15.4
Hospital Insurance	2,967	5,364	9,209	13,179	15,012	17,137	15.7	14.1
Inpatient Hospital	2,659	5,156	8,840	12,641	14,427	16,477	16.4	14.2
Skilled Nursing Facility	274	166	233	293	293	306	.9	4.4
Home Health Agency	26	42	136	245	293	353	24.3	20.5
Supplementary Medical Insurance	1,272	1,986	3,481	4,919	6,050	7,173	15.5	18.6
Physician and Other Medical	1,224	1,848	3,050	4,177	5,145	6,045	14.2	17.5
Outpatient	38	125	374	649	798	997	31.3	24.9
Home Health Agency	17	13	56	92	107	131	18.6	22.4
Reimbursement per person served								
Hospital Insurance and/or Supplementary Medical Insurance	\$592	\$780	\$1,055	\$1,332	\$1,456	\$1,597	8.6	9.7
Hospital Insurance	749	1,215	1,855	2,436	2,695	3,007	12.3	11.6
Inpatient Hospital	738	1,176	1,799	2,363	2,621	2,925	12.2	11.6
Skilled Nursing Facility	774	694	896	1,037	1,095	1,239	4.0	13.2
Home Health Agency	204	251	413	510	542	588	9.2	8.5
Supplementary Medical Insurance	195	219	296	369	424	477	7.7	12.5
Physician and Other Medical	191	210	268	324	371	415	6.7	11.9
Outpatient	25	57	99	132	147	168	17.2	14.3
Home Health Agency	145	161	347	411	437	488	10.6	11.7
Reimbursement per enrollee								
Hospital Insurance and/or Supplementary Medical Insurance	\$217	\$352	\$557	\$759	\$864	\$974	13.3	12.7
Hospital Insurance	152	259	410	563	626	698	13.5	11.5
Inpatient Hospital	137	249	394	539	602	671	14.2	11.5
Skilled Nursing Facility	14	8	11	12	12	12	-1.3	---
Home Health Agency	1	2	6	11	12	14	24.6	16.7
Supplementary Medical Insurance	71	99	159	214	257	298	12.7	16.0
Physician and Other Medical	69	93	139	182	219	251	11.4	14.6
Outpatient	2	6	17	28	34	41	28.6	20.6
Home Health Agency	1	1	2	4	5	5	14.4	---

¹ Persons enrolled are as of July 1. Persons served and amounts reimbursed are calendar year data.

Table 3

Disabled Persons Enrolled, Served, and Amounts Reimbursed by Type of Service, Selected Years, 1974-1979¹

Type of Coverage or Type of Service Reimbursed	1974	1975	1976	1977	1978	1979	Average Annual Rate of Change	
							Persons enrolled (in thousands)	
							1974-79	1978-79
Hospital Insurance	1,928	2,168	2,392	2,619	2,793	2,911	8.6	4.2
Supplementary Medical Insurance	1,745	1,959	2,168	2,373	2,543	2,659	8.8	4.6
Hospital Insurance and/or Supplementary Medical Insurance								
Hospital Insurance	792	975	1,158	1,321	1,472	1,654	15.9	12.4
Inpatient Hospital	400	475	545	600	652	700	11.8	7.4
Skilled Nursing Facility	397	472	541	595	647	694	11.8	7.3
Home Health Agency	15	22	28	34	39	46	25.1	18.0
Supplementary Medical Insurance	740	924	1,108	1,270	1,421	1,614	16.9	13.6
Physician and Other Medical	691	865	1,036	1,189	1,320	1,523	17.1	15.4
Outpatient	296	399	516	617	723	823	22.7	13.8
Home Health Agency	9	13	16	19	21	23	20.6	9.5
							Persons served per 1,000 enrolled	
Hospital Insurance and/or Supplementary Medical Insurance	411	450	484	520	527	568	6.7	7.8
Hospital Insurance	208	219	228	229	234	240	2.9	2.6
Inpatient Hospital	206	218	226	227	232	238	2.9	2.6
Skilled Nursing Facility	4	4	4	4	3	3	-5.6	—
Home Health Agency	8	10	12	13	14	16	14.9	14.3
Supplementary Medical Insurance	424	471	511	535	559	607	7.4	8.6
Physician and Other Medical	396	442	478	501	519	573	7.7	10.4
Outpatient	170	204	238	260	285	310	12.8	8.8
Home Health Agency	5	7	7	8	8	9	12.5	12.5
							Reimbursement amount (in millions)	
Hospital Insurance and/or Supplementary Medical Insurance	\$1,049	\$1,509	\$2,018	\$2,495	\$2,993	\$3,747	29.0	25.2
Hospital Insurance	694	987	1,312	1,613	1,945	2,341	27.5	20.4
Inpatient Hospital	681	968	1,286	1,582	1,909	2,297	27.5	20.3
Skilled Nursing Facility	7	9	11	12	12	13	13.2	8.3
Home Health Agency	6	10	15	19	24	31	38.9	29.2
Supplementary Medical Insurance	355	522	705	882	1,048	1,406	31.7	34.2
Physician and Other Medical	206	295	389	481	557	810	31.5	45.4
Outpatient	145	221	309	392	480	583	32.1	21.5
Home Health Agency	3	5	7	9	11	13	34.1	18.2
							Reimbursement per person served	
Hospital Insurance and/or Supplementary Medical Insurance	\$1,324	\$1,548	\$1,742	\$1,889	\$2,033	\$2,265	11.3	11.4
Hospital Insurance	1,735	2,077	2,408	2,688	2,982	3,345	14.0	12.2
Inpatient Hospital	1,714	2,051	2,378	2,658	2,952	3,312	14.1	12.2
Skilled Nursing Facility	936	1,049	1,149	1,225	1,310	1,452	9.2	10.8
Home Health Agency	399	478	549	572	612	671	11.0	9.6
Supplementary Medical Insurance	479	565	637	695	737	871	12.7	18.2
Physician and Other Medical	298	341	376	405	421	532	12.3	26.4
Outpatient	490	554	599	635	664	708	7.6	6.6
Home Health Agency	345	420	467	496	520	569	10.5	9.4
							Reimbursement per enrollee	
Hospital Insurance and/or Supplementary Medical Insurance	\$544	\$696	\$843	\$981	\$1,071	\$1,287	18.8	20.2
Hospital Insurance	360	455	549	616	696	804	17.4	15.5
Inpatient Hospital	353	446	538	604	683	789	17.5	15.5
Skilled Nursing Facility	4	4	4	4	4	4	—	—
Home Health Agency	3	5	6	7	9	11	29.7	22.2
Supplementary Medical Insurance	208	266	325	372	412	529	20.5	28.4
Physician and Other Medical	118	151	180	203	219	305	20.9	39.3
Outpatient	83	113	143	165	189	219	21.4	15.9
Home Health Agency	2	3	3	4	4	5	20.1	25.0

¹ Persons enrolled are as of July 1. Persons served and amounts reimbursed are calendar year data.

TABLE 4
Reimbursement Per Enrollee by Type of Enrollee, Type of Service, and Region, 1979

Type of Service	United States	Northeast	North Central	South	West
All Services (HI and/or SMI)	\$1,024.08	\$1,107.57	\$1,030.07	\$907.15	\$1,130.04
Hospital Insurance	721.76	775.21	768.60	631.59	750.70
Inpatient Hospital	695.98	744.93	744.61	609.84	720.56
Skilled Nursing Facility	11.85	11.79	13.79	8.16	16.18
Home Health Agency	13.93	18.49	10.20	13.59	13.97
Supplementary Medical Insurance	321.92	351.25	276.01	297.18	402.23
Physician and Other Medical	257.36	273.65	222.05	242.07	321.24
Outpatient	59.30	71.87	50.05	48.89	76.16
Home Health Agency	5.27	5.73	3.91	6.22	4.83
Aged					
All Services (HI and/or SMI)	\$989.60	\$1,073.70	\$992.23	\$878.60	\$1,084.55
Hospital Insurance	709.34	763.93	750.55	622.99	733.88
Inpatient Hospital	682.33	732.58	725.65	599.85	702.17
Skilled Nursing Facility	12.70	12.57	14.57	8.89	17.32
Home Health Agency	4.32	18.79	10.33	14.25	14.40
Supplementary Medical Insurance	298.80	327.26	255.00	276.83	372.06
Physician and Other Medical	251.88	269.14	215.94	238.05	312.77
Outpatient	41.61	52.46	35.18	32.36	54.39
Home Health Agency	5.31	5.65	3.88	6.43	4.90
Disabled					
All Services (HI and/or SMI)	\$1,323.71	\$1,428.10	\$1,404.63	\$1,122.04	\$1,521.70
Hospital Insurance	827.89	880.47	945.39	694.88	893.21
Inpatient Hospital	812.70	860.22	930.23	683.38	876.33
Skilled Nursing Facility	4.60	4.53	6.23	2.75	6.56
Home Health Agency	10.60	15.72	8.93	8.75	10.32
Supplementary Medical Insurance	532.68	591.39	495.91	456.62	673.19
Physician and Other Medical	307.29	318.77	285.95	273.58	397.30
Outpatient	220.52	266.15	205.71	178.41	271.73
Home Health Agency	4.87	6.48	4.25	4.63	4.16

TABLE 5
Aged and Disabled Persons Enrolled for Health Insurance by Type
of Coverage, Census Region and Division, and State of Residence, July 1, 1979

Area of Residence	Aged			Disabled		
	Hospital and/or Supplementary Insurance	Hospital Insurance	Hospital Insurance	Supplementary Medical Insurance	Hospital Insurance	Supplementary Medical Insurance
All Areas	24,947,954	24,548,391	24,098,491	23,898,778	2,910,766	2,658,838
United States ²	24,471,623	24,073,248	24,073,248	23,898,778	2,816,107	2,621,303
Regions						
Northeast	5,905,707	5,822,165	5,785,111	6,397,254	623,990	577,826
North Central	6,532,179	6,462,068	6,397,254	7,729,050	659,972	611,174
South	7,938,703	7,761,403	7,729,050	8,007,332	1,054,658	986,643
West	4,072,615	4,007,332	3,967,177		473,041	441,647
Divisions						
New England	1,479,368	1,461,196	1,450,571		138,624	126,139
Middle Atlantic	4,426,339	4,350,969	4,334,540		485,356	451,687
East North Central	4,374,352	4,324,143	4,281,635		481,942	446,133
West North Central	2,157,827	2,137,925	2,115,619		178,030	165,041
South Atlantic	4,044,992	3,957,139	3,941,119		530,310	496,075
East South Central	1,380,518	1,358,200	1,542,208		240,328	227,265
West South Central	2,313,193	2,266,064	2,245,723		284,020	263,303
Mountain	1,003,300	990,470	971,877		109,282	100,124
Pacific	3,069,315	3,016,862	2,995,300		363,759	341,523
States						
New England	140,141	138,453	137,642		15,553	14,566
Maine	100,650	99,954	98,124		9,030	8,001
New Hampshire	57,508	56,845	56,526		6,250	5,758
Vermont	704,900	694,919	689,960		63,412	57,790
Massachusetts	122,535	120,953	120,312		13,390	11,884
Rhode Island	353,634	350,072	348,007		30,987	28,140
Middle Atlantic						
New York	2,108,047	2,070,002	2,062,138		232,547	215,229
New Jersey	833,333	822,367	820,239		90,378	85,299
Pennsylvania	1,484,959	1,468,600	1,452,163		162,441	151,159
East North Central						
Ohio	1,138,939	1,121,426	1,108,601		139,698	128,379
Indiana	567,958	564,693	555,673		62,588	57,881
Illinois	1,217,499	1,201,400	1,190,024		112,068	104,113
Michigan	893,731	884,597	878,496		118,055	109,547
Wisconsin	556,225	552,027	548,841		49,533	46,213
West North Central						
Minnesota	470,832	466,779	463,182		34,718	32,444
Iowa	382,013	379,533	375,875		29,086	27,009
Missouri	630,858	623,141	616,034		66,244	61,692
North Dakota	80,251	79,419	78,521		5,778	5,288
South Dakota	90,408	89,509	88,193		6,910	6,287
Nebraska	203,148	201,740	199,388		13,670	12,297
Kansas	200,317	200,317	297,804		21,624	20,104

TABLE 5
Aged and Disabled Persons Enrolled for Health Insurance by Type
of Coverage, Census Region and Division, and State or Residence, July 1, 1979¹

Area of Residence	Aged		Disabled	
	Hospital and/or Supplementary Insurance	Hospital Insurance	Supplementary Medical Insurance	Hospital Insurance
South Atlantic				
Delaware	57,537	57,008	56,276	6,874
Maryland	370,216	362,718	356,346	40,053
District of Columbia	70,463	66,256	65,168	8,035
Virginia	476,497	467,542	459,207	65,889
West Virginia	228,799	224,706	223,827	42,784
North Carolina	558,071	556,887	555,523	88,645
South Carolina	268,676	261,365	260,261	49,554
Georgia	484,500	470,006	472,489	86,235
Florida	1,520,233	1,490,651	1,492,022	142,241
East South Central				
Kentucky	395,083	365,476	386,791	60,120
Tennessee	490,930	479,507	480,533	74,151
Alabama	418,801	406,483	407,503	61,376
Mississippi	275,704	266,734	267,381	44,681
West South Central				
Arkansas	297,196	290,508	290,295	44,711
Louisiana	372,903	367,694	349,367	61,663
Oklahoma	356,542	348,927	346,706	40,515
Texas	1,286,532	1,288,935	1,259,155	137,131
Mountain				
Montana	83,301	82,516	81,255	8,754
Idaho	91,236	90,634	88,915	9,284
Wyoming	36,960	36,803	35,858	2,924
Colorado	257,321	233,653	230,443	23,761
New Mexico	109,766	106,948	105,657	15,080
Arizona	279,857	276,563	271,693	32,241
Utah	104,765	103,976	99,861	9,377
Nevada	60,114	59,377	58,195	7,861
Pacific				
Washington	413,061	402,104	402,759	43,119
Oregon	291,257	290,252	281,691	31,279
California	2,284,270	2,238,610	2,234,152	280,788
Alaska	10,303	10,237	8,692	1,392
Hawaii	70,424	68,659	68,006	7,181
Residence Unknown				
22,419	20,280	20,186	4,446	4,013
Outlying Areas				
Gum	2,053	1,654	1,667	155
Puerto Rico	254,340	253,684	154,271	82,005
Virgin Islands	4,214	4,151	3,780	444
Other Outlying Areas	627	625	289	81
Foreign Countries	215,097	215,029	39,706	11,929

¹ Based on data recorded in the Health Insurance master file on March 30, 1980.
Consists of 50 States, District of Columbia, and residence unknown.

TABLE 6

Persons 65 Years and Over Served by Region, Division, and State, and Type of Service, 1979

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (II)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and other Medical Services	Outpatient Services	Home Health Services
All Areas	15,223,780	5,698,160	5,632,840	247,180	601,000	15,041,120	14,581,960	5,928,260	269,100
United States	15,136,740	5,657,400	5,594,280	246,460	591,100	14,966,240	14,510,420	5,906,340	263,640
Northeast	3,886,420	1,269,980	1,249,060	52,820	204,140	3,854,580	3,698,740	1,742,120	78,340
North Central	3,825,760	1,603,320	1,584,800	72,020	127,660	3,779,580	3,660,400	1,516,200	53,930
South	4,739,660	1,921,040	1,904,040	61,180	162,620	4,685,120	4,561,180	1,615,540	90,100
West	2,683,320	865,360	855,880	60,420	96,340	2,645,580	2,588,880	1,032,180	40,820
New England	975,060	319,720	314,360	12,600	56,180	969,080	932,520	498,260	24,740
Connecticut	230,860	71,520	70,100	3,120	14,640	229,620	223,580	91,140	5,480
Maine	86,660	32,500	32,060	1,540	4,840	85,920	81,080	55,700	2,300
Massachusetts	465,840	155,260	152,830	3,620	26,300	463,060	441,740	256,960	11,760
New Hampshire	62,720	21,360	21,120	1,700	2,900	62,140	60,120	34,040	1,520
Rhode Island	92,560	25,620	25,140	2,220	4,320	92,240	90,960	40,740	2,103
Vermont	36,420	13,460	13,140	400	3,180	36,100	35,040	19,680	1,580
Middle Atlantic	2,911,360	950,260	934,700	40,220	147,960	2,885,500	2,766,220	1,243,860	53,600
New Jersey	544,900	172,220	169,820	7,060	29,680	542,400	528,500	200,340	9,140
New York	1,436,380	444,280	437,720	14,860	57,000	1,423,420	1,364,800	588,660	18,720
Pennsylvania	930,080	333,760	327,160	18,300	61,280	919,680	872,920	454,860	25,740
East North Central	2,557,860	1,043,280	1,032,720	56,360	89,020	2,526,560	2,437,560	1,066,560	34,720
Illinois	667,720	300,680	297,840	16,860	28,240	656,560	619,440	276,180	10,900
Indiana	318,460	136,560	135,820	6,280	5,940	314,520	302,240	133,760	3,440
Michigan	591,860	207,940	205,920	12,700	19,660	588,220	575,120	274,260	6,220
Ohio	663,780	270,780	267,060	18,020	23,900	652,980	631,660	256,060	10,540
Wisconsin	316,040	127,320	126,080	2,500	11,280	314,280	309,100	126,300	3,620
West North Central	1,267,900	557,040	552,080	15,660	38,640	1,253,020	1,222,840	449,640	19,180
Iowa	219,520	97,360	96,840	2,960	4,280	217,020	212,180	84,440	2,460
Kansas	190,260	81,420	81,060	1,600	3,160	188,200	184,580	70,940	1,680
Minnesota	287,960	116,180	115,400	2,820	6,280	285,300	279,600	106,200	2,260
Missouri	362,860	163,680	160,880	4,900	19,940	358,280	346,140	125,180	10,380
Nebraska	107,980	52,480	52,140	1,720	3,020	106,000	103,920	33,360	1,160
North Dakota	51,540	21,820	21,760	1,140	780	51,040	50,640	14,000	300
South Dakota	47,780	24,100	24,000	1,180	520	45,760	45,720	15,520	740

TABLE 6

Persons 65 Years and Over Served by Region, Division, and State, and Type of Service, 1979

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and other Medical Services	Outpatient Services	Home Health Services
South Atlantic	2,500,560	920,740	911,340	37,900	93,520	2,475,660	2,404,640	923,320	47,640
Delaware	38,860	12,900	12,800	460	1,580	38,740	37,880	18,200	920
District of Columbia	49,640	14,080	13,480	600	2,900	48,780	45,200	22,120	2,260
Florida	1,030,740	349,260	345,780	17,880	51,980	1,025,120	1,013,990	398,320	20,480
Georgia	286,860	114,420	113,740	2,820	6,500	284,160	275,760	115,500	5,280
Maryland	229,040	76,720	76,140	3,400	6,560	226,660	217,080	99,720	2,780
North Carolina	315,560	128,900	127,220	5,980	8,860	312,560	300,980	130,280	6,940
South Carolina	150,320	58,660	57,940	2,700	6,260	148,380	143,830	62,870	3,930
Virginia	277,980	109,880	109,040	2,920	4,940	274,560	265,400	112,560	2,460
West Virginia	121,560	55,820	55,200	1,140	3,940	116,700	104,920	57,840	2,620
East: South Central	878,420	403,940	400,060	16,180	33,120	863,640	836,740	305,640	21,880
Alabama	243,140	108,500	107,400	6,680	9,640	239,080	232,820	79,540	5,920
Kentucky	203,460	97,320	96,400	5,280	5,460	197,900	188,820	73,640	3,510
Mississippi	157,580	73,220	72,340	500	9,280	155,760	151,680	58,220	7,030
Tennessee	274,240	124,900	123,920	3,720	8,740	270,900	263,420	94,280	5,420
West: South Central	1,360,680	596,360	592,640	7,100	35,980	1,345,820	1,319,800	386,580	20,580
Arkansas	177,660	77,000	76,740	460	2,340	176,120	173,700	55,260	1,700
Louisiana	201,080	94,340	93,340	1,340	9,760	196,480	187,960	65,540	3,630
Oklahoma	204,380	90,520	90,160	1,900	3,700	201,860	197,300	59,380	1,820
Texas	777,560	334,500	332,400	3,400	20,880	771,360	763,940	206,400	13,460
Mountain	611,280	225,180	222,860	10,480	19,920	604,520	587,280	245,220	8,930
Arizona	174,800	58,180	57,800	2,700	3,440	173,390	168,520	58,980	880
Colorado	150,640	57,340	56,620	2,160	6,900	148,860	144,580	66,420	2,230
Idaho	55,180	20,940	20,600	1,380	2,260	54,780	53,500	24,360	1,060
Montana	47,680	19,560	19,380	1,240	1,180	47,100	46,180	18,380	520
Nevada	36,880	14,180	14,120	900	1,000	36,580	35,560	15,040	380
New Mexico	66,360	23,840	23,520	200	3,280	65,480	62,660	28,180	1,780
Utah	60,020	22,420	22,360	1,780	1,200	58,920	57,120	25,520	980
Wyoming	19,720	8,720	8,560	120	660	19,500	16,860	8,400	380
Pacific	2,072,040	640,180	633,020	49,940	76,420	2,041,060	2,001,690	786,960	31,920
Alaska	6,640	2,740	2,740	60	200	6,300	5,360	3,300	80
California	1,576,780	478,020	472,880	39,000	58,480	1,555,080	1,525,160	613,040	23,840
Hawaii	45,740	11,900	11,540	1,100	1,760	44,720	44,020	17,180	860
Oregon	175,160	60,800	60,120	4,160	6,500	172,020	167,480	64,920	4,520
Washington	267,720	86,720	85,740	5,620	9,480	262,940	258,960	88,520	4,620
Residence Unknown	1,580	700	500	20	340	1,380	1,220	300	480
Other Areas	79,980	39,300	37,100	700	9,820	71,340	68,200	20,680	5,460
Puerto Rico	77,820	38,360	36,160	940	9,780	69,480	66,720	19,780	5,460
All Other Areas	2,160	940	—	—	—	1,860	1,860	900	—
Foreign Countries	4,060	1,460	1,460	20	80	3,540	3,340	1,240	—

TABLE 7
Reimbursement for Persons 65 Years and Over by Region, Division, and State: Total Amount by Type of Service, 1979

(amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (\$M)			Supplementary Medical Insurance (\$M)		
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and Other Medical Services
All Areas	\$24,309,474	\$17,136,271	\$16,476,775	\$306,352	\$353,144	\$7,173,203	\$6,044,802
United States	24,217,181	17,076,166	16,425,812	305,710	344,644	7,141,016	6,019,653
Northeast	6,340,980	4,447,742	4,265,192	73,159	109,391	1,892,238	1,557,024
North Central	6,481,390	4,850,078	4,689,200	94,122	66,756	1,631,311	1,381,449
South	6,974,944	4,835,310	4,655,691	69,020	110,599	2,139,634	1,839,884
West	4,416,951	2,940,907	2,813,818	69,397	57,691	1,476,045	1,240,819
New England	1,607,283	1,152,295	1,109,613	16,356	26,326	454,987	357,273
Connecticut	361,890	253,885	244,275	1,607	8,003	108,005	89,457
Maine	129,013	97,067	91,640	3,366	2,061	31,946	24,333
Massachusetts	844,966	608,751	590,406	6,449	11,896	236,215	178,611
New Hampshire	83,109	60,213	56,464	2,640	1,108	22,897	18,334
Rhode Island	138,454	95,524	91,571	1,935	2,018	42,930	36,184
Vermont	49,851	36,856	35,256	360	1,240	12,995	10,355
Middle Atlantic	4,733,697	3,295,447	3,155,579	56,803	83,065	1,438,250	1,199,751
New Jersey	825,508	557,031	526,899	11,419	18,713	268,478	227,087
New York	2,398,633	1,654,370	1,599,291	21,591	33,489	744,262	626,419
Pennsylvania	1,509,556	1,084,046	1,029,390	23,793	30,863	425,510	346,245
East North Central	4,528,391	3,393,940	3,275,202	70,972	47,766	1,134,451	954,133
Illinois	1,382,780	1,265,996	1,023,093	23,003	19,900	316,785	263,713
Indiana	48,074	36,052	354,289	6,224	2,539	11,022	10,092
Michigan	1,070,555	772,705	749,225	13,494	9,986	297,850	247,694
Ohio	1,098,273	823,302	787,150	25,612	10,539	274,971	235,627
Wisconsin	494,708	368,885	361,445	2,639	4,801	125,823	110,637
West North Central	1,952,999	1,456,138	1,413,939	23,149	18,990	496,861	427,316
Iowa	301,212	225,050	220,668	3,959	1,223	75,362	65,973
Kansas	289,173	212,525	209,362	1,855	1,368	76,647	67,316
Minnesota	425,021	308,657	301,343	4,310	3,034	116,364	97,847
Missouri	612,236	461,586	441,009	8,882	11,695	150,650	127,094
Nebraska	175,395	134,213	130,175	2,831	1,206	41,182	36,524
North Dakota	79,699	60,448	59,375	871	201	19,251	17,489
South Dakota	70,264	52,860	52,066	440	353	17,405	14,814
South Atlantic	3,721,153	2,525,970	2,421,631	41,680	62,659	1,195,182	1,021,429
Delaware	62,202	44,609	43,382	518	709	17,593	14,591
District of Columbia	109,259	75,571	73,202	782	1,587	33,687	25,171
Florida	1,604,754	1,021,034	962,592	18,559	39,883	583,720	516,841
Georgia	363,223	242,519	234,857	2,888	4,774	120,704	97,105
Maryland	420,378	304,800	297,596	3,786	3,418	115,577	97,820
North Carolina	408,294	293,527	281,597	7,046	4,884	114,766	96,864
South Carolina	179,152	128,260	122,567	2,255	3,439	50,892	41,952
Virginia	409,313	290,390	283,441	4,682	2,266	118,923	97,860
West Virginia	164,580	125,260	122,397	1,164	1,699	33,223	30,319

TABLE 7

Reimbursement for Persons 65 Years and Over by Region, Division, and State: Total Amount by Type of Service, 1979
(amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and Other Medical Services	Outpatient Services	Home Health Services
East South Central	1,211,904	885,194	847,563	15,093	22,538	326,710	272,924	41,106	12,680
Alabama	340,963	247,691	231,681	3,462	6,548	93,272	78,724	10,744	3,835
Kentucky	272,700	203,127	194,675	5,885	2,566	69,573	59,409	8,678	1,486
Mississippi	215,235	156,205	148,171	780	7,255	59,030	46,964	7,969	4,097
Tennessee	383,006	278,171	267,036	4,966	6,169	104,835	87,828	13,715	3,293
West South Central	2,041,887	1,424,146	1,386,497	12,248	25,401	617,741	545,531	60,541	11,670
Arkansas	221,015	149,263	147,671	522	1,070	71,752	64,571	6,456	725
Louisiana	303,222	216,877	208,523	1,795	6,559	83,345	71,895	9,270	2,183
Oklahoma	309,573	226,158	220,625	4,012	1,521	83,415	73,132	9,600	633
Texas	1,211,077	831,848	809,679	5,918	16,251	379,229	335,932	35,214	8,082
Mountain	891,654	615,773	595,639	10,603	9,531	275,881	231,323	41,164	3,394
Arizona	258,089	171,074	166,303	2,914	1,857	87,015	75,556	11,079	383
Colorado	230,776	165,524	159,789	2,218	3,517	65,251	52,485	11,553	1,213
Idaho	71,526	50,662	48,807	822	1,033	20,863	16,981	3,505	378
Montana	62,404	43,157	41,776	913	467	19,248	16,863	2,224	160
Nevada	71,942	49,009	47,472	977	561	22,933	19,385	3,408	139
New Mexico	90,294	60,717	58,960	360	1,396	29,578	24,424	4,540	613
Utah	79,221	55,511	52,841	2,270	400	23,710	19,300	4,074	337
Wyoming	27,402	20,119	19,691	129	299	7,283	6,328	781	174
Pacific	3,525,297	2,325,133	2,218,179	58,794	48,161	1,200,163	1,009,496	174,611	16,056
Alaska	16,725	12,691	12,468	124	100	4,034	3,350	613	71
California	2,847,506	1,850,993	1,768,331	45,505	37,157	996,513	835,665	148,998	11,849
Hawaii	62,673	41,772	37,847	2,928	997	20,901	17,377	3,061	464
Oregon	261,580	190,177	179,650	6,112	4,414	71,403	59,721	10,073	1,638
Washington	336,813	229,500	219,883	4,125	5,493	107,313	93,383	11,866	2,064
Residence Unknown	2,917	2,129	1,910	12	207	788	477	46	265
Other Areas	86,519	55,632	46,573	593	8,467	30,886	24,002	2,457	4,427
Puerto Rico	84,116	54,081	45,041	593	8,447	30,035	23,426	2,182	4,427
All Other Areas	2,402	1,551	1,531	-	20	851	576	276	-
Foreign Countries	5,774	4,473	4,390	49	34	1,301	1,148	154	-

TABLE 8

Disability Beneficiaries Served by Region, Division, and State, and Type of Service, 1979

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)			Supplementary Medical Insurance (SMI)				
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and Other Medical Services	Outpatient Services	Home Health Services
All Areas	1,654,184	699,859	693,631	8,956	45,826	1,613,662	1,523,033	823,319	23,227
United States	1,640,726	693,504	687,605	8,906	44,874	1,602,214	1,512,136	819,694	22,754
Northeast	383,354	144,347	142,496	1,735	14,906	374,439	346,271	209,983	6,546
North Central	378,242	171,538	170,159	2,740	9,759	368,233	348,730	186,152	4,01
South West	571,221	269,047	267,239	2,308	12,848	556,856	528,155	262,112	7,975
	307,011	108,166	107,342	2,119	7,281	301,830	288,226	160,851	3,456
New England	82,661	31,886	31,361	483	3,925	80,805	75,253	50,760	1,900
Connecticut	19,218	7,336	7,197	104	1,032	18,684	17,554	10,524	473
Maine	9,432	3,881	3,836	71	379	9,283	8,583	6,658	228
Massachusetts	36,586	14,014	13,800	141	1,691	35,814	32,717	23,536	781
New Hampshire	5,152	2,101	2,059	46	240	5,014	4,771	3,145	110
Rhode Island	8,342	2,968	2,910	94	385	8,146	7,907	4,535	194
Vermont	3,931	1,586	1,559	27	198	3,864	3,721	2,362	114
Middle Atlantic	300,693	112,461	111,135	1,252	10,981	293,634	271,018	159,223	4,646
New Jersey	57,641	22,381	22,157	186	2,363	56,718	52,921	29,546	870
New York	149,200	49,940	49,351	502	4,258	145,463	133,456	77,058	1,725
Pennsylvania	93,852	40,140	39,627	564	4,360	91,453	84,641	52,619	2,051
East North Central	280,479	124,043	123,025	2,214	7,321	273,350	258,533	141,700	3,315
Illinois	62,032	30,614	30,327	526	1,938	59,583	54,960	30,493	923
Indiana	33,988	16,399	16,321	249	516	33,038	30,703	17,706	322
Michigan	75,429	29,681	29,427	624	2,666	74,308	71,734	39,606	731
Ohio	34,781	20,064	24,446	725	2,129	76,930	72,407	39,002	1,032
Wisconsin	29,966	12,568	12,504	90	672	29,507	28,729	14,803	307
West North Central	97,763	47,495	47,134	526	2,438	94,883	90,197	44,452	1,386
Iowa	15,728	7,852	7,821	117	318	15,227	14,584	7,693	201
Kansas	13,146	6,185	6,157	41	228	12,908	12,524	6,153	163
Minnesota	19,677	8,736	8,699	97	341	19,066	17,964	8,955	153
Missouri	35,655	17,822	17,600	168	1,302	34,614	32,440	16,216	734
Nebraska	7,330	3,741	3,707	62	170	7,046	6,827	3,232	87
North Dakota	3,128	1,564	1,559	23	34	3,029	2,978	1,089	30
South Dakota	3,099	1,595	1,591	18	45	2,993	2,880	1,114	18
South Atlantic	300,200	134,929	133,928	1,295	7,229	293,022	276,641	148,269	4,324
Delaware	3,849	1,380	1,558	16	156	3,754	3,596	2,331	116
District of Columbia	4,880	1,863	1,792	7	268	4,753	3,946	2,815	192
Florida	86,212	36,753	36,408	367	2,928	84,786	82,393	36,021	1,356
Georgia	49,974	23,136	23,034	146	775	48,975	46,637	25,315	658
Maryland	23,120	9,559	9,510	81	626	22,577	20,576	13,557	306
North Carolina	49,237	23,209	23,038	307	967	47,937	45,620	25,143	740
South Carolina	26,609	11,933	11,823	120	753	26,034	24,887	12,472	469
Virginia	26,300	16,858	16,762	205	459	35,395	33,003	19,505	308
West Virginia	20,019	10,038	10,003	46	297	18,811	15,983	11,110	179

TABLE 8

Disability Beneficiaries Served by Region, Division, and State, and Type of Service, 1979

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)				Supplementary Medical Insurance (SMI)			
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and Other Medical Services	Outpatient Services	Home Health Services
East South Central									
Alabama	125,369	63,417	62,965	701	2,904	121,811	115,617	55,096	1,683
Kentucky	33,698	17,321	17,209	269	749	32,843	31,581	13,901	473
Mississippi	27,164	14,130	14,022	253	583	25,886	23,786	12,417	357
Tennessee	23,197	11,736	11,616	26	758	22,729	21,719	10,215	513
	41,250	20,230	20,118	153	814	40,353	38,531	18,563	537
West South Central									
Arkansas	145,712	70,701	70,346	312	2,715	142,023	135,897	58,747	1,771
Louisiana	23,266	10,885	10,859	24	194	22,883	22,306	8,916	151
Oklahoma	27,924	14,240	14,144	71	640	26,587	24,275	12,316	327
Texas	20,706	13,238	10,217	73	236	20,074	19,244	7,754	122
	73,816	35,338	35,126	144	1,645	72,479	70,072	29,761	1,171
Mountain									
Arizona	61,268	25,468	25,307	320	1,350	59,935	56,097	31,663	796
Colorado	18,143	7,256	7,225	79	258	17,833	16,562	8,784	113
Idaho	13,978	6,003	5,963	53	426	13,625	12,435	7,843	259
Montana	5,143	2,120	2,100	27	141	5,042	4,877	2,653	93
Nevada	4,858	2,215	2,204	51	86	4,740	4,587	2,253	51
New Mexico	4,770	2,069	2,058	53	78	4,698	4,424	2,450	50
Utah	7,792	3,094	3,064	13	240	7,647	7,176	4,241	144
Wyoming	5,053	1,990	1,980	41	82	4,934	4,694	2,709	55
	1,471	721	713	3	39	1,416	1,342	730	31
Pacific									
Alaska	245,803	82,698	82,035	1,799	5,931	241,895	232,129	129,188	2,663
California	654	266	266	-	12	628	577	345	4
Hawaii	198,053	64,768	64,254	1,401	4,767	195,420	187,332	106,593	2,039
Oregon	4,493	1,485	1,467	50	144	4,394	4,261	2,264	71
Washington	17,392	6,715	6,656	143	419	16,835	16,055	8,615	211
	25,211	9,464	9,392	205	589	24,618	23,900	11,371	335
Residence Unknown	898	406	369	4	80	856	754	596	76
Other Areas	13,085	6,173	5,844	48	951	11,129	10,613	3,475	470
Puerto Rico	12,885	6,082	5,753	46	949	10,958	10,480	3,357	468
All Other Areas	200	91	91	2	2	171	133	118	2
Foreign Countries	373	182	182	2	1	319	284	150	3

TABLE 9

Reimbursement for Disability Beneficiaries by Region, Division, and State: Total Amount by Type of Service, 1979
 (Amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)			Supplementary Medical Insurance (SMI)				
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Hospital Health Services	Total	Physician and Other Medical Services	Outpatient Services	Home Health Services
All Areas	\$3,746,667	\$2,340,890	\$2,297,158	\$13,003	\$30,729	\$1,405,777	\$809,674	\$582,897	\$13,206
United States	3,727,742	2,331,437	2,288,642	12,948	29,846	1,396,306	805,492	570,036	12,777
Northeast	891,125	549,403	536,766	2,828	9,809	341,721	184,193	153,786	3,742
North Central	927,020	623,931	613,927	4,109	5,895	303,089	174,765	125,727	2,597
South	1,183,379	732,861	720,730	2,905	9,226	450,118	269,929	176,824	4,566
West	719,836	422,524	414,542	3,101	4,880	297,312	175,468	120,009	1,836
New England	199,484	125,998	122,799	809	2,390	73,486	37,166	35,281	1,039
Connecticut	47,829	29,101	28,366	61	674	18,728	9,127	9,327	273
Maine	17,668	12,305	11,957	167	181	5,363	3,150	2,118	95
Massachusetts	98,061	61,739	60,269	373	1,098	36,322	17,288	18,550	484
New Hampshire	10,378	6,743	6,567	75	101	3,635	2,080	1,519	36
Rhode Island	18,434	11,318	10,976	101	240	7,116	4,022	2,995	99
Vermont	7,114	4,792	4,664	32	96	2,322	1,499	771	52
Middle Atlantic	691,640	423,405	413,967	2,919	7,419	268,239	147,027	118,505	2,704
New Jersey	139,791	81,633	79,491	345	1,797	58,158	32,505	24,984	669
New York	325,658	196,436	192,375	880	3,181	129,222	67,858	60,259	1,104
Pennsylvania	226,191	145,336	142,101	794	2,441	80,856	46,664	33,262	930
East North Central	704,046	472,415	464,773	3,284	4,438	231,631	131,565	98,194	1,872
Illinois	188,249	124,842	122,619	746	1,477	63,487	28,078	34,719	610
Indiana	79,294	53,375	52,855	260	260	25,919	15,556	10,208	156
Michigan	192,601	128,752	126,714	856	1,182	63,858	39,759	23,622	468
Ohio	176,587	119,796	117,433	1,230	1,133	56,791	34,655	21,664	472
Wisconsin	67,314	45,651	45,152	112	386	21,663	13,516	7,981	165
West North Central	222,974	151,516	149,154	905	1,457	71,459	43,201	27,533	725
Iowa	35,024	23,714	23,421	182	111	11,389	7,353	3,889	68
Kansas	31,019	20,334	20,167	54	113	10,685	6,073	4,543	69
Minnesota	46,834	31,906	31,493	186	227	14,928	8,800	6,026	102
Missouri	78,365	53,783	52,558	353	872	24,381	15,228	8,940	413
Nebraska	17,040	11,646	11,457	89	99	5,395	3,153	2,190	52
North Dakota	7,743	5,421	5,376	21	23	2,322	1,322	985	14
South Dakota	5,950	4,712	4,682	18	12	2,238	1,272	959	7
South Atlantic	637,198	392,466	385,803	1,572	5,010	244,732	147,137	95,144	2,451
Delaware	18,235	6,459	6,355	15	90	3,776	2,137	1,386	53
District of Columbia	28,060	11,903	11,727	4	172	8,157	3,264	4,768	125
Florida	194,092	115,846	113,090	374	2,382	78,246	52,005	25,416	825
Georgia	92,721	55,933	55,213	160	560	36,788	21,977	14,331	479
Maryland	70,586	46,396	45,882	127	387	24,190	12,967	11,087	136
North Carolina	93,189	59,161	58,220	379	562	34,028	21,160	15,515	353
South Carolina	44,201	26,769	26,200	119	451	17,432	9,676	7,504	252
Virginia	80,264	47,621	47,025	337	259	32,643	17,316	15,386	141
West Virginia	31,850	22,378	22,173	57	9,473	6,635	4,973	2,752	86

TABLE 9

Reimbursement for Disability Beneficiaries by Region, Division, and State: Total Amount by Type of Service, 1979
 (amounts in thousands)

Area of Residence	Hospital Insurance and/or Supplementary Medical Insurance	Hospital Insurance (HI)			Supplementary Medical Insurance (SMI)				
		Total	Inpatient Hospital Services	Skilled Nursing Facility Services	Home Health Services	Total	Physician and Other Medical Services	Outpatient Services	Home Health Services
East South Central									
Alabama	232,640	151,418	148,572	770	2,076	81,222	50,040	30,147	1,035
Kentucky	68,123	44,639	44,024	153	462	23,484	14,806	8,440	237
Mississippi	50,164	34,366	33,706	339	321	15,797	10,664	5,548	186
Tennessee	39,840	24,384	23,700	50	633	15,457	8,365	6,792	299
	74,513	48,029	47,142	228	659	26,484	16,805	9,367	312
West South Central									
Arkansas	313,541	188,977	186,275	562	2,140	124,564	72,752	50,732	1,080
Louisiana	34,826	21,560	21,431	19	110	13,265	9,345	3,843	77
Oklahoma	56,832	35,304	34,694	107	504	21,528	11,711	9,609	269
Texas	41,017	27,993	27,718	154	122	13,024	8,352	4,622	50
	180,866	104,119	102,432	282	1,405	76,747	43,344	32,659	744
Mountain									
Arizona	133,550	82,386	81,195	352	839	51,164	29,659	21,121	384
Colorado	41,457	25,495	25,238	91	166	15,962	9,968	5,931	63
Idaho	31,361	19,355	19,046	59	250	12,006	5,785	6,095	126
Montana	8,949	5,875	5,755	17	103	3,073	2,043	992	38
Nevada	9,017	5,777	5,695	45	37	3,241	2,251	974	15
New Mexico	14,032	8,424	8,304	67	54	5,607	3,355	2,237	35
Utah	15,536	9,396	9,211	26	159	6,140	3,638	2,469	63
Wyoming	10,352	6,276	6,190	44	42	4,076	2,076	1,975	24
	2,847	1,788	1,757	3	28	1,059	593	447	19
Pacific									
Alaska	586,286	340,137	333,347	2,749	4,041	246,148	145,809	98,887	1,452
California	2,292	1,426	1,418	—	8	866	411	454	2
Hawaii	485,057	276,929	271,450	2,226	3,253	208,129	123,132	83,894	1,103
Oregon	12,870	6,412	6,182	124	106	6,458	2,993	3,437	29
Washington	36,652	24,426	23,909	225	292	12,226	7,798	4,290	138
	49,414	30,945	30,389	174	382	18,469	11,476	6,813	180
Residence Unknown									
Other Areas	6,383	2,718	2,677	5	36	3,664	1,137	2,491	36
Puerto Rico	17,983	8,800	7,867	50	883	9,183	4,021	4,735	427
All Other Areas	17,296	8,522	7,591	49	882	8,774	3,922	4,426	426
	687	278	276	2	1	409	99	309	1
Foreign Countries	942	654	649	4	—	289	161	125	2

TABLE 10

Approximate Standard Error of Estimates of Number of Persons Using Reimbursed Services

Estimated Number of Persons	Standard Error
1,000	138
5,000	308
10,000	436
25,000	689
50,000	974
100,000	1,375
150,000	1,682
200,000	1,940
250,000	2,167
500,000	3,046
1,000,000	4,255
2,000,000	5,868
3,000,000	6,998
4,000,000	7,857
5,000,000	8,527
6,000,000	9,050
7,000,000	9,451
8,000,000	9,744
9,000,000	9,940
10,000,000	10,043
11,000,000	10,057
12,000,000	9,982
13,000,000	9,816

TABLE II
Approximate Standard Error of Estimated Number of Persons Served Per 1,000 Enrolled

Estimated Number of Persons Served Per 1,000 Enrolled	Approximate Base of Rate (number of persons enrolled in thousands 1/)												
	25	50	100	250	500	750	1,000	2,500	5,000	10,000	20,000	21,000	22,000
10	2.8	1.9	1.4	0.87	.62	.50	.44	.28	.19	.14	.10	.095	.092
20	3.9	2.8	1.9	1.2	.87	.71	.62	.39	.26	.19	.14	.13	.13
30	4.8	3.4	2.4	1.5	1.1	.87	.76	.48	.34	.24	.17	.17	.16
40	5.5	3.9	2.8	1.7	1.2	1.0	.87	.55	.39	.28	.20	.19	.19
50	6.2	4.4	3.1	1.9	1.4	1.1	.98	.62	.44	.31	.22	.22	.21
100	8.7	6.2	4.4	2.8	1.9	1.6	1.4	.87	.61	.43	.29	.29	.28
150	10.7	7.5	5.3	3.4	2.4	1.9	1.7	1.1	.74	.51	.35	.34	.33
200	12.3	8.7	6.2	3.9	2.8	2.2	1.9	1.2	.85	.59	.39	.38	.37
250	13.8	9.7	6.9	4.4	3.1	2.5	2.2	1.4	.95	.65	.43	.41	.40
300	15.1	10.7	7.5	4.8	3.4	2.7	2.4	1.5	1.0	.70	.45	.44	.42
350	16.3	11.5	8.1	5.1	3.6	3.0	2.6	1.6	1.1	.75	.47	.46	.44
400	17.4	12.3	8.7	5.5	3.9	3.2	2.7	1.7	1.2	.79	.49	.47	.45
450	18.5	13.1	9.2	5.8	4.1	3.3	2.9	1.8	1.2	.82	.50	.48	.46
500	19.5	13.8	9.7	6.1	4.3	3.5	3.0	1.9	1.3	.85	.50	.48	.46
550	20.4	14.4	10.2	6.4	4.5	3.7	3.2	2.0	1.3	.88	.50	.48	.45

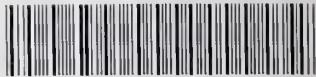
1/ Office of Research and Demonstrations, Medicare: Persons Enrolled in the Health Insurance Program, 1978-1979.
 (Washington, D.C.: U.S. Government Printing Office, in press.)

TABLE 12

Approximate Relative Standard Error of Amount Reimbursed or Average Reimbursement Per Person Enrolled, or Average Reimbursement Per Person Served

Estimated Number of Persons Served (in thousands)	Amount Reimbursed or Average Reimbursement Per Person Enrolled	Relative Standard Error (percent)			Average Reimbursement Per Person Served	
		HI and SMI		HI and SMI Combined		
		HI	SMI			
1	26.0	20.5	24.8	22.1	20.7	
5	11.6	9.2	11.1	9.9	9.2	
10	8.2	6.5	7.9	7.0	6.5	
25	5.2	4.1	5.0	4.4	4.1	
50	3.7	2.9	3.5	3.1	2.9	
100	2.6	2.0	2.5	2.2	2.1	
150	2.1	1.7	2.0	1.8	1.7	
200	1.8	1.4	1.8	1.6	1.5	
250	1.6	1.3	1.6	1.4	1.3	
500	1.2	.91	1.1	1.0	.92	
750	.94	.74	.90	.80	.76	
1,000	.82	.64	.78	.70	.65	
2,000	.57	.45	.55	.49	.46	
3,000	.47	.36	.44	.40	.38	
4,000	.40	.31	.38	.35	.33	
5,000	.36	.27	.34	.31	.29	
6,000	.32	.25	.31	.28	.27	
7,000	.30	.23	.28	.26	.25	
8,000	.28	.21	.26	.25	.23	
9,000	.26	.19	.24	.16	.22	

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